diverting surface 6 is totally reflected. The light decoupling element 12 allows the area behind the light-diverting surface 6 to show light. The light decoupling element 12 can be formed as a deflecting surface, such as a prism, groove or rib. --

In the Claims

Please amend the claims as follows:

1. (Amended) Lamp for vehicles including: a light conductor element (1) that has at least one light in-coupling element (3) arranged between two adjacent light out-coupling elements (2), a light source (4) associated with a light in-coupling surface (5) of the light in-coupling element (3), at least two light-diverting surfaces (6) of the light in-coupling element (3) each being respectively associated with one of the light out-coupling elements (2) and serving to divert light beams radiated from the light source (4) toward the respective light out-coupling element (2), wherein the light-diverting surfaces (6) of the light in-coupling element (3) are curved outwardly and have a common focus position (7) for the light source (4), and wherein the light conductor element is in an interior space of one of a headlight and a taillight.

2. (Amended) Lamp according to claim 1 wherein the light in-coupling surface (5) of the light in-coupling element (3) is arranged in a lower half of the one of the headlight and the taillight.

5. (Amended) Lamp according to claim 1 wherein a smallest spacing of the light in-coupling surface (5) from the light-diverting surfaces (6) is a maximum of one and a half times a structural depth of the light out-coupling element (2).

7. (Amended) Lamp according to claim 1 wherein the light conductor element (1) is associated with a reflector (8) and forms a component that covers the light source (4), with light out-coupling surfaces (10) of the light out-coupling elements (2) facing a reflection surface (9) of the reflector (8) and light beams exiting from the light out-coupling surfaces (10) falling on the reflection surface (9) of the reflector (8).

8. (Amended) Lamp according to claim 1 wherein the light-diverting surfaces (6) extend parabolically, with rotation axes of the paraboloids extending into the respective light out-coupling elements (2).

9. (Amended) Lamp according to claim 1 wherein the light-diverting surfaces (6) extend elliptically, with the light source (4) being arranged at a common first focus position (7) of the light-diverting surfaces (6) and two focus

positions (11) lying on a line that extends into the respective light out-coupling elements (2).

Please add the following claims:

13. Lamp for vehicles including: a light conductor element that has at least one light in-coupling element arranged between two adjacent light out-coupling elements, a light source associated with a light in-coupling surface of the light in-coupling element, at least two light-diverting surfaces of the light in-coupling element each being respectively associated with one of the light out-coupling elements and serving to divert light beams radiated from the light source toward the respective light out-coupling element, wherein the light-diverting surfaces of the light in-coupling element are curved outwardly and have a common focus position for the light source, and wherein a smallest spacing of the light in-coupling surface from the light-diverting surfaces is a maximum of one and a half times a structural depth of the light out-coupling element.

14. Lamp according to claim 13 wherein the smallest spacing of the light in-coupling surface from the light-diverting surfaces is smaller than the structural depth of the light out-coupling element.

15. Lamp for vehicles including: a light conductor element that has at least one light in-coupling element arranged between two adjacent light out-coupling elements, a light source associated with a light in-coupling surface of the light in-coupling element, at least two light-diverting surfaces of the light in-coupling element each being respectively associated with one of the light out-coupling elements and serving to divert light beams radiated from the light source toward the respective light out-coupling element, wherein the light-diverting surfaces of the light in-coupling element are curved outwardly and have a common focus position for the light source, and wherein the light conductor element is associated with a reflector and forms a component that covers the light source, with light out-coupling surfaces of the light out-coupling elements facing a reflection surface of the reflector and light beams exiting from the light out-coupling surfaces falling on the reflection surface of the reflector.

16. Lamp for vehicles including: a light conductor element that has at least one light in-coupling element arranged between two adjacent light out-coupling elements, a light source associated with a light in-coupling surface of the light in-coupling element, at least two light-diverting surfaces of the light in-coupling element each being respectively associated with one of the light out-coupling elements and serving to divert light beams radiated from the light source toward the respective light out-coupling element, wherein the light-diverting surfaces of the light in-coupling element are curved outwardly and have a

common focus position for the light source, and wherein the light-diverting surfaces extend elliptically, with the light source being arranged at a common first focus position of the light-diverting surfaces and two focus positions lying on a line that extends into the respective light out-coupling elements.

17. Lamp for vehicles including: a light conductor element that has at least one light in-coupling element arranged between two adjacent light out-coupling elements, a light source associated with a light in-coupling surface of the light in-coupling element, at least two light-diverting surfaces of the light in-coupling element each being respectively associated with one of the light out-coupling elements and serving to divert light beams radiated from the light source toward the respective light out-coupling element, wherein the light-diverting surfaces of the light in-coupling element are curved outwardly and have a common focus position for the light source, and wherein the light in-coupling element (3) has at least three light-diverting surfaces (6), each being respectively associated with a light out-coupling element (2).

18. Lamp for vehicles including: a light conductor element that has at least one light in-coupling element arranged between two adjacent light out-coupling elements, a light source associated with a light in-coupling surface of the light in-coupling element, at least two light-diverting surfaces of the light in-coupling element each being respectively associated with one of the light out-coupling

elements and serving to divert light beams radiated from the light source toward the respective light out-coupling element, wherein the light-diverting surfaces of the light in-coupling element are curved outwardly and have a common focus position for the light source, and wherein the light-diverting surfaces that totally reflect light from the light source are provided with at least one light decoupling element.

19. Lamp for vehicles including: a light conductor element that has at least one light in-coupling element arranged between two adjacent light out-coupling elements, a light source associated with a light in-coupling surface of the light in-coupling element, at least two light-diverting surfaces of the light in-coupling element each being respectively associated with one of the light out-coupling elements and serving to divert light beams radiated from the light source toward the respective light out-coupling element, wherein the light-diverting surfaces of the light in-coupling element are curved outwardly and have a common focus position for the light source, and wherein at least one of the light-diverting surfaces of the light in-coupling element is offset from an optical axis of the light source.